

Title (en)

HIGH SENSITIVE DETECTION OF MELATONIN

Title (de)

HOCHEMPFLINDLICHER NACHWEIS VON MELATONIN

Title (fr)

DÉTECTION À SENSIBILITÉ ÉLEVÉE DE MÉLATONINE

Publication

**EP 3126838 B1 20171101 (EN)**

Application

**EP 15741886 A 20150401**

Priority

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Abstract (en)

[origin: WO2015150436A1] The present invention relates to the use of a derivative of melatonin in an assay, wherein said derivative is a conjugate at position 3 of melatonin's indole ring and wherein said conjugate comprises a linker of at least 2 carbon atoms, with the proviso that the conjugate does not comprise a polypeptide or protein antigen. The derivative preferably comprises 3-(2-ethylamidoglutaric acid)-5-methoxyindole (GUS) and is coupled to a carrier such as dextran. The invention further relates to a method for detecting and/or quantifying melatonin in a sample using a compound comprising said derivative of melatonin, a corresponding immunobio logical assay and a kit of parts for detecting and/or quantifying melatonin based on the melatonin derivative.

IPC 8 full level

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